

What is claimed is:

1 1. A wireless communication terminal comprising:
2 wireless communication circuitry for establishing a wireless
3 communication channel to a network;
4 an internal power source and an external power source;
5 control circuitry for energizing the wireless communication terminal
6 with said external power source and energizing the wireless communication
7 terminal with said internal power source when said external power source is
8 faulty; and
9 monitor circuitry for monitoring said external power source and
10 sending a message from said wireless communication circuitry to said
11 network when said communication terminal is operating with said internal
12 power source.

1 2. The wireless communication terminal of claim 1, wherein said
2 monitor circuitry transmits said message when no call is in progress and
3 transmits a second message from said wireless communication circuitry to
4 said network when said communication terminal is operating with said
5 internal power source when a call is in progress.

1 3. The wireless communication terminal of claim 1, wherein said
2 message indicates that the internal power source is producing a voltage
3 which is lower than a critical level.

1 4. The wireless communication terminal of claim 2, wherein said
2 second message indicates that the internal power source is producing a

3 voltage which is lower than a critical level.

1 5. The wireless communication terminal of claim 2, wherein said
2 wireless communication channel is a fixed wireless access (FWA) channel.

1 6. The wireless communication terminal of claim 5, wherein said
2 messages are sent in a data format specified by ANSI/(American National
3 Standard Institute)/TIA (Telecommunications Industry Association)/EIA
4 (Electronic Industries Alliance)-95B standard.

1 7. A wireless communication network comprising:
2 a base station;
3 a base station controller connected to said base station;
4 a wireless communication terminal including:
5 wireless communication circuitry for establishing a wireless
6 communication channel to said base station;
7 an internal power source and an external power source;
8 control circuitry for energizing the wireless communication
9 terminal with said external power source and energizing the wireless
10 communication terminal with said internal power source when said external
11 power source is faulty; and
12 monitor circuitry for monitoring said external power source and
13 sending a message from said wireless communication circuitry to said base
14 station controller via said base station when said communication terminal is
15 operating with said internal power source.

1 8. The wireless communication network of claim 7, wherein said

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2 monitor circuitry transmits said message when no call is in progress and
3 transmits a second message from said wireless communication circuitry to
4 said base station controller when said communication terminal is operating
5 with said internal power source when a call is in progress.

1 9. The wireless communication network of claim 7, wherein said
2 message indicates that the internal power source is producing a voltage
3 which is lower than a critical level.

1 10. The wireless communication network of claim 8, wherein said
2 second message indicates that the internal power source is producing a
3 voltage which is lower than a critical level.

1 11. The wireless communication network of claim 8, wherein said
2 wireless communication channel is a fixed wireless access (FWA) channel.

1 12. The wireless communication network of claim 11, wherein said
2 message is sent in a data format specified by ANSI/(American National
3 Standard Institute)/TIA (Telecommunications Industry Association)/EIA
4 (Electronic Industries Alliance)-95B standard.

1 13. A method of controlling a wireless communication terminal,
2 wherein the terminal comprises a wireless communication circuitry for
3 establishing a wireless communication channel to a network, an internal
4 power source and an external power source, the method comprising the steps
5 of:
6 a) energizing the wireless communication terminal with said

7 external power source and energizing the wireless communication terminal
8 with said internal power source when said external power source is faulty;
9 b) monitoring said external power source; and
10 c) sending a message from said wireless communication circuitry
11 to said network when said communication terminal is operating with said
12 internal power source.

1 14. The method of claim 13, wherein the step (c) includes the steps
2 of sending said message when no call is in progress and sending a second
3 message from said wireless communication circuitry to said network when
4 said communication terminal is operating with said internal power source
5 when a call is in progress.

1 15. The method of claim 13, wherein said message indicates that the
2 internal power source is producing a voltage which is lower than a critical
3 level.

1 16. The method of claim 14, wherein said second message indicates
2 that the internal power source is producing a voltage which is lower than a
3 critical level.

1 17. The method of claim 14, wherein said wireless communication
2 channel is a fixed wireless access (FWA) channel.

1 18. The method of claim 17, wherein said messages are sent in a
2 data format specified by ANSI/(American National Standard Institute)/TIA
3 (Telecommunications Industry Association)/EIA (Electronic Industries
4 Alliance)-95B standard.